

Special neurology

	Question	Content details, explanations
1.	Acute, paroxysmal and chronic disorders of consciousness	classification, symptoms, differential diagnostics (diff. dx)
2.	Pain	classification of pain, diff. dx, paraclinical examinations, therapy
3.	Headache	primary and secondary headache - clinical manifestations, diff. dx, , paraclinical examinations; migraine and its treatment.
4.	Intracranial and spinal cord tumors	classification, clinical manifestations, diff. dx, imaging findings, therapy
5.	Intracranial and spinal infection and inflammation	classification, cerebrospinal fluid findings, therapy
6.	Ischemic stroke - diagnostics	clinical forms and their manifestations, causes, pathophysiology, imaging findings
7.	Ischemic stroke – treatment	acute management, secondary prevention, rehabilitation
8.	Intracranial hemorrhage	clinical forms and their manifestations, causes, pathophysiology, imaging findings, therapy, complications
9.	Craniocerebral and spinal injuries	clinical forms, their mechanisms and manifestations, paraclinical examinations, therapy
10.	Epileptic seizures and epilepsy	classification of seizures and epileptic syndromes, diagnosis, therapy including typical EEG images, therapy
11.	Polyradiculoneuritis and polyneuropathies	acute and chronic autoimmune neuritis, metabolic and toxic neuropathies – symptoms, diff.dx, paraclinical exams, therapy
12.	Neuromuscular diseases	mono- and polyneuropathies, motor neuron diseases, myopathies, neuromuscular transmission disorders, EMG findings
13.	Multiple sclerosis ao. demyelinating and autoimmune	clinical manifestations, diagnostic criteria, diff.dx, paraclinical exams, therapy, complications
14.	Parkinson disease and Parkinsonian syndromes	clinical manifestations, diagnostic criteria, diff.dx, therapy, complications
15.	Hyperkinetic movement disorders	main diseases presenting with tremor, chorea, dystonia, myoclonus, and tics; clinical manifestations, diagnosis , diff. dx, therapy
16.	Alzheimer's disease and other dementias	epidemiology, nosological classification, pathology, diagnosis , diff. dx, therapy
17.	Dizziness and disorders of balance	causes and manifestations of vestibular and non-vestibular dizziness, diff. dx; balance disorders and falls in the elderly
18.	Toxic and metabolic disorders of the nervous system	drug-induced disorders, intoxication, addictive substances, dis. of glucose and electrolyte metabolism, nutrient deficiency syndromes
19.	Diseases of the spinal cord	causes and mechanisms, clinical manifestations, diagnosis and therapy
20.	Functional neurological disorders	definition, symptoms, functional movement disorders, non-epileptic seizures, functional sensory disorders, diagnosis and management
21.	Back pain	causes and clinical manifestations diagnosis and therapy, complications
22.	Sleep disorders	diseases with excessive daytime sleepiness, with poor-quality nocturnal sleep, and abnormal behaviors during sleep
23.	Neurodevelopmental diseases	cerebral palsy, ADHD, autism spectrum disorders, Tourettes syndrome, clinical manifestations, therapy
24.	Psychiatric complications of neurological disorders	in neurodegenerative, infectious, autoimmune, cerebrovascular etc. disorders – clinical symptoms, and management